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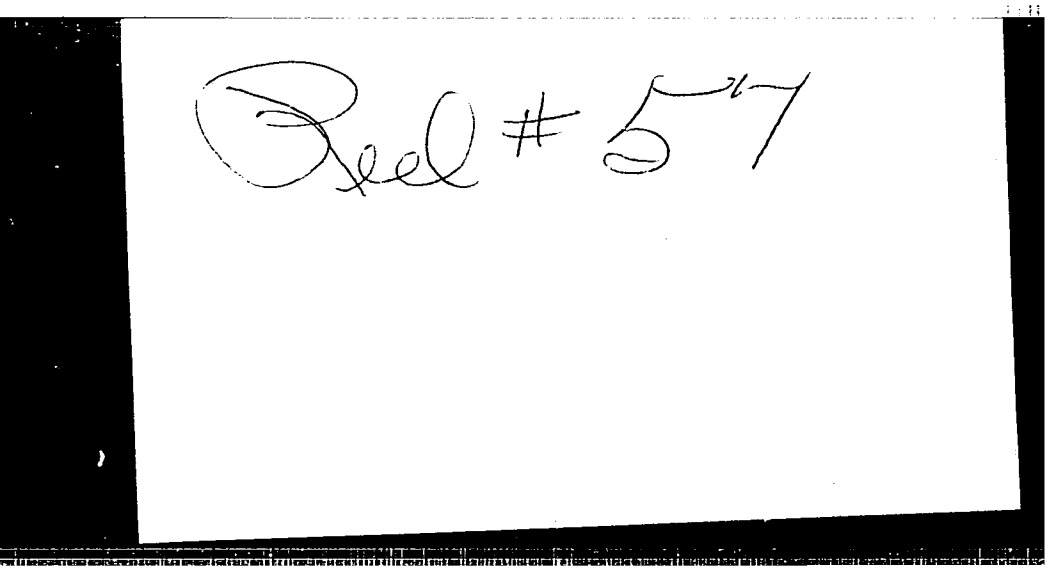

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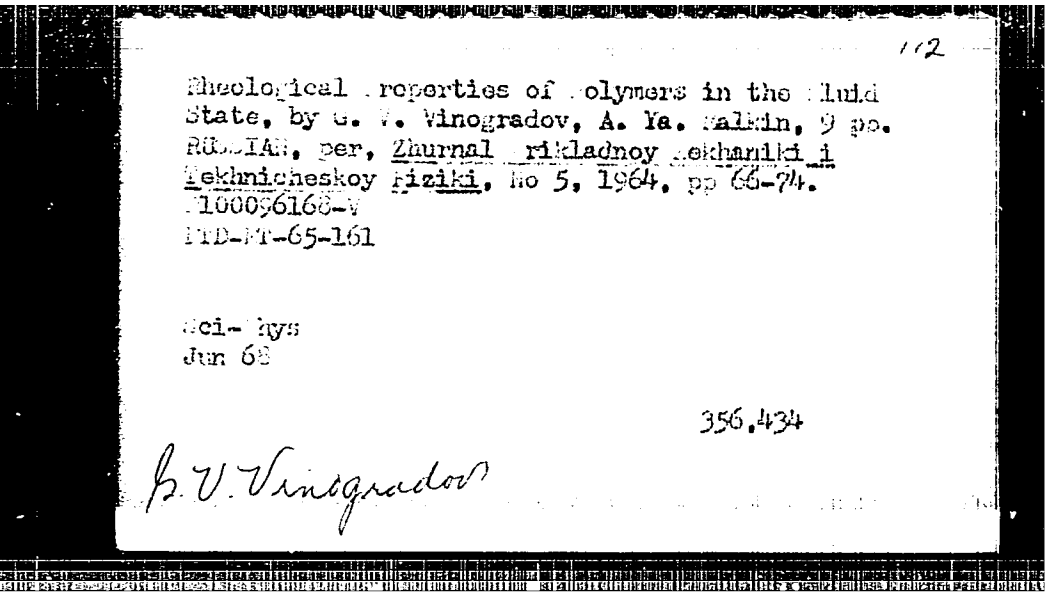

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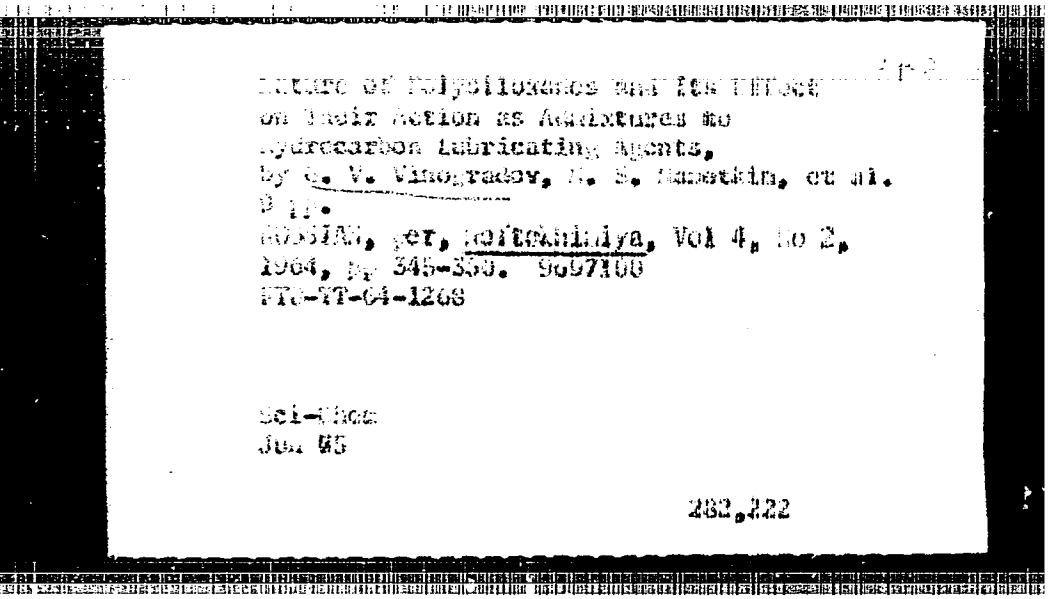

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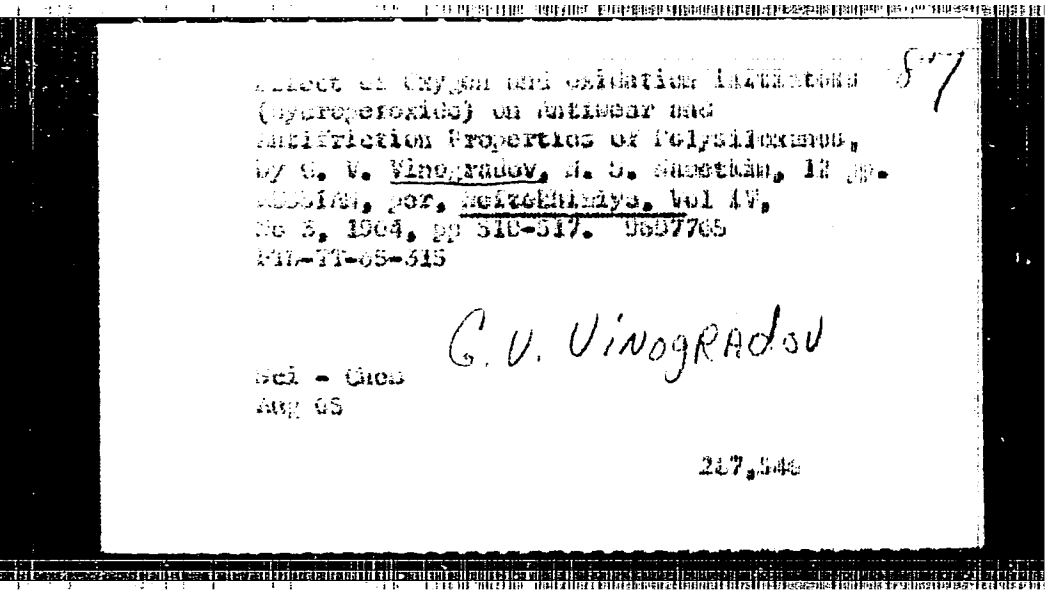

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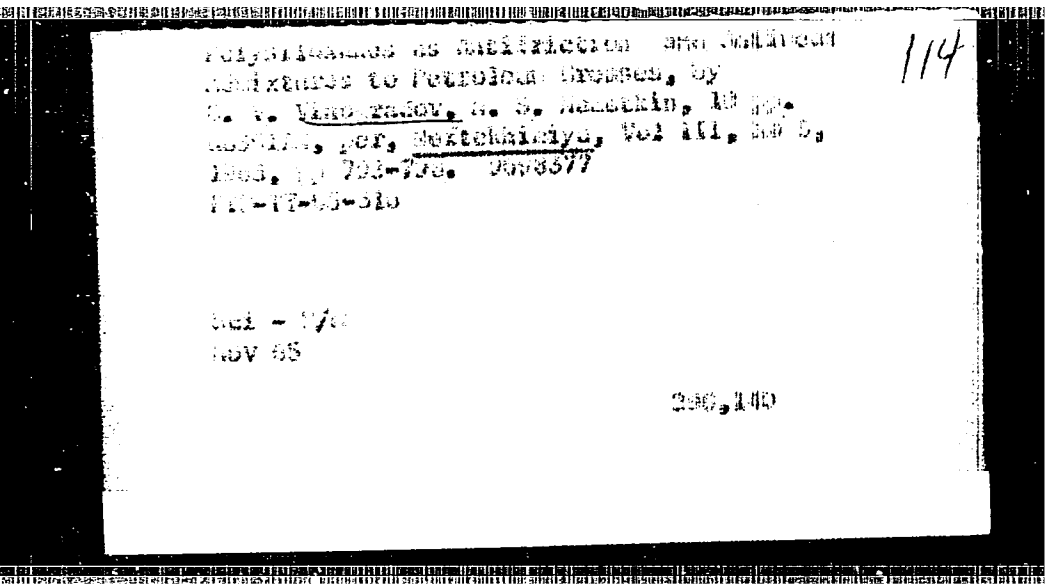

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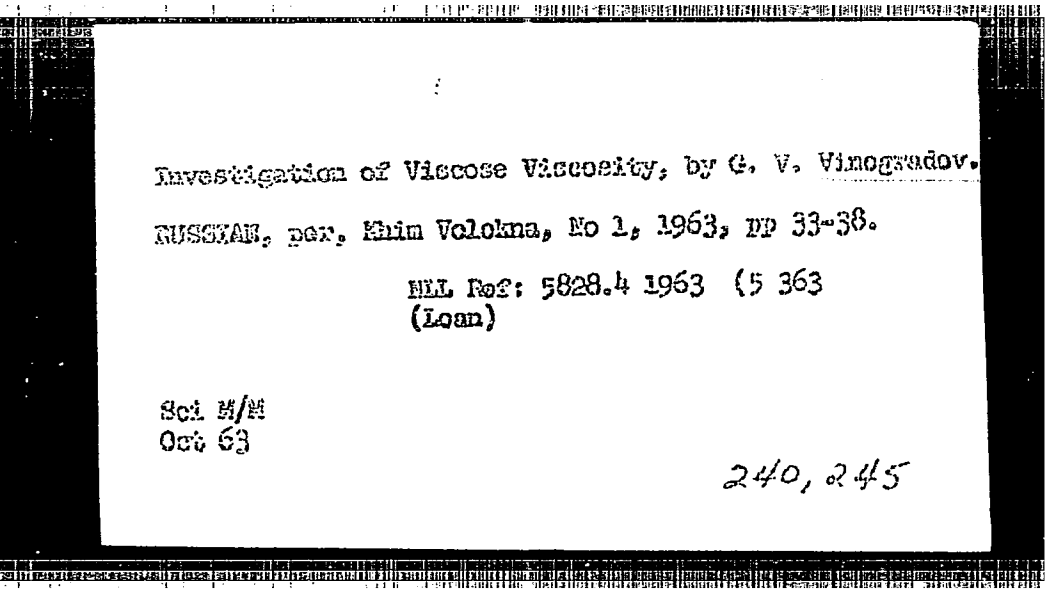

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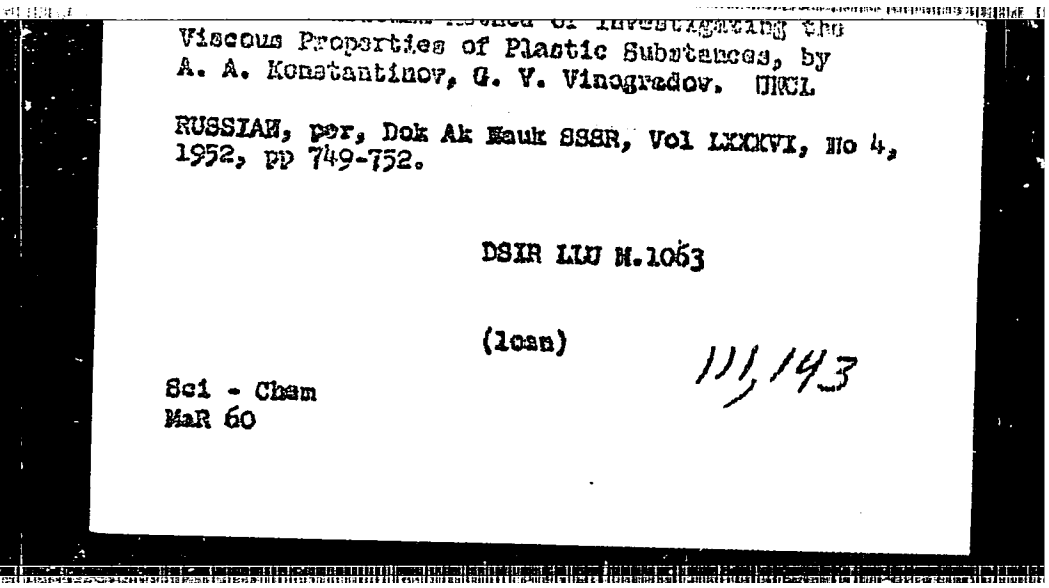

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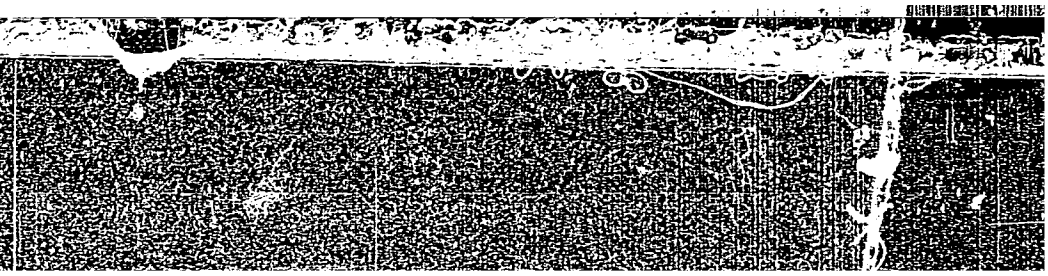

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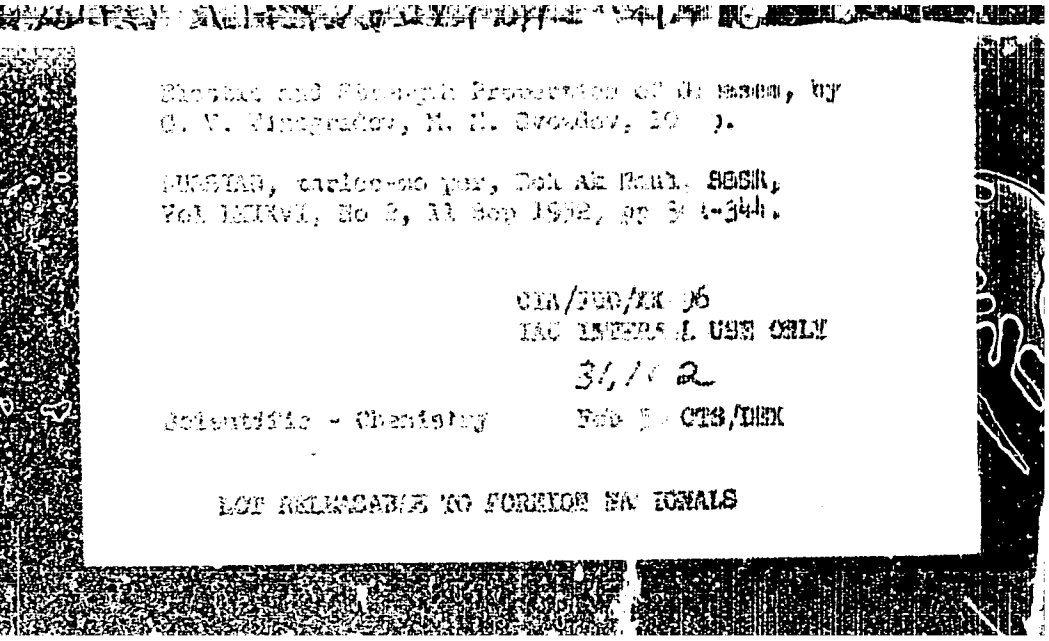

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Trans. of [Zhurnal Tekhnicheskoi Fiziki] (USSR) 1943, v. 18, no. 3, p. 355-376. (Abstract available)
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DESCRIPTORS: *Greases, Calcium compounds, Viscosity, Creep, Elasticity, Plasticity, Stresses

A method is described and results are given of a study of the elasto-plastic properties of solidols. The properties considered included: the character of the elastic deformations under constant and variable loads; the conditions of determination of the shear modulus of greases; creep phenomena and elastic after-effect, softening and hardening under stress, elastic hysteresis (Materials--Lubricants, TT, v. 11, no. 4) (over)

TT-63-20980

I. Vinogradov, G. V.
II. Klimov, K. I.

THORNTON RESEARCH CENTRE
RNS 157
P 22070 T

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000200570001-3

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Vinogradov, G. V.
SYNTHETIC OILS AND GREASES (A SURVEY). [1963] [12p] 19refs
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Trans. of Neftyanoe Khozyaistvo (USSR) 1948, v. 26, no. 5, p. 43-49. (Abstract available)

DESCRIPTORS: *Lubircants, Greases, Synthesis (Chemistry), Hydrocarbons, Fluorocarbons, Silicones, Esters, Chemical properties, Chemical bonds, Viscosity, Lubrication,

A review of the chemical constitution and properties of highly fluorinated hydrocarbons, polysiloxanes, and di-esters in connection with their use as lubricants and greases is presented. (Author)

(Materials--Lubricants, TT, v. 11, no. 4)

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SCA
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CIA/FDD/XX-90
IAC INTERNAL USE ONLY

31,156

Scientific - Chemistry Feb 56 CTS/DEN

NOT RELEASABLE TO FOREIGN NATIONALS

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Another trans. is available in Dutch from OTS or ETC $1.55 as TT-61-17706, MTWL-7, 9p.

DESCRIPTORS: Oils, *Fluorocarbons, Greases, Fluorination, Chemical properties, Polymers, Polymerization plastics, *Lubricants,

(Materials--Lubricants, TT, v. 11, no. 4)

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I. Vinogradov, G. V.
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DESCRIPTORS: *Number theory, *Fourier analysis, Series, Numerical analysis, Polynomials, Functions.

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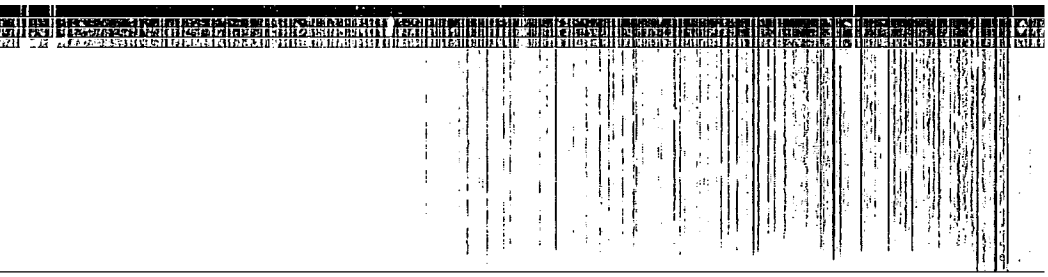

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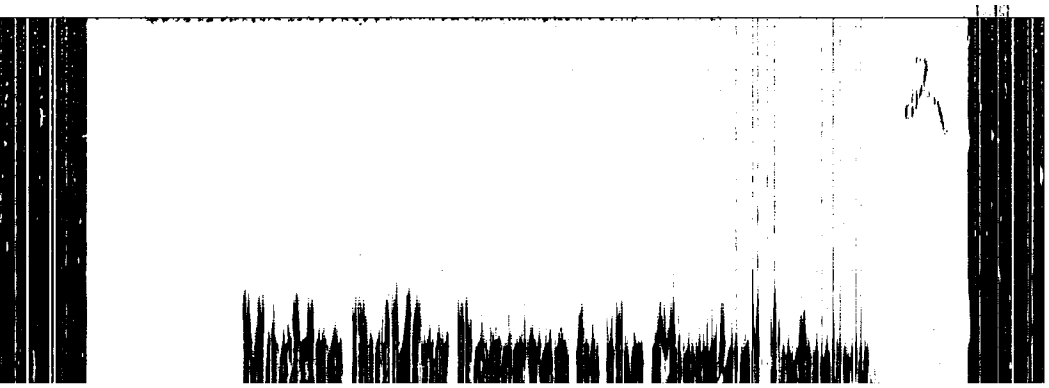

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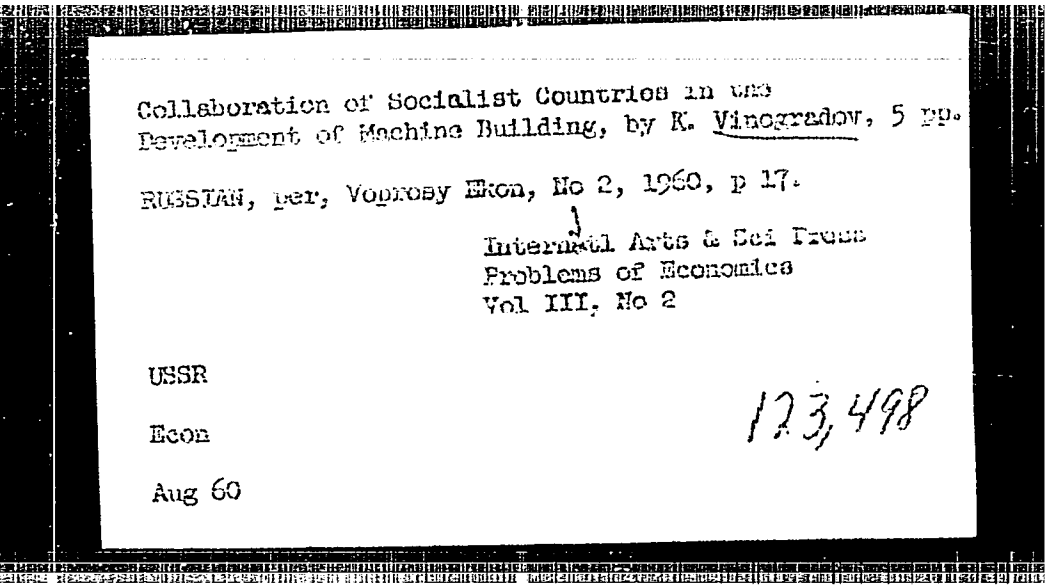

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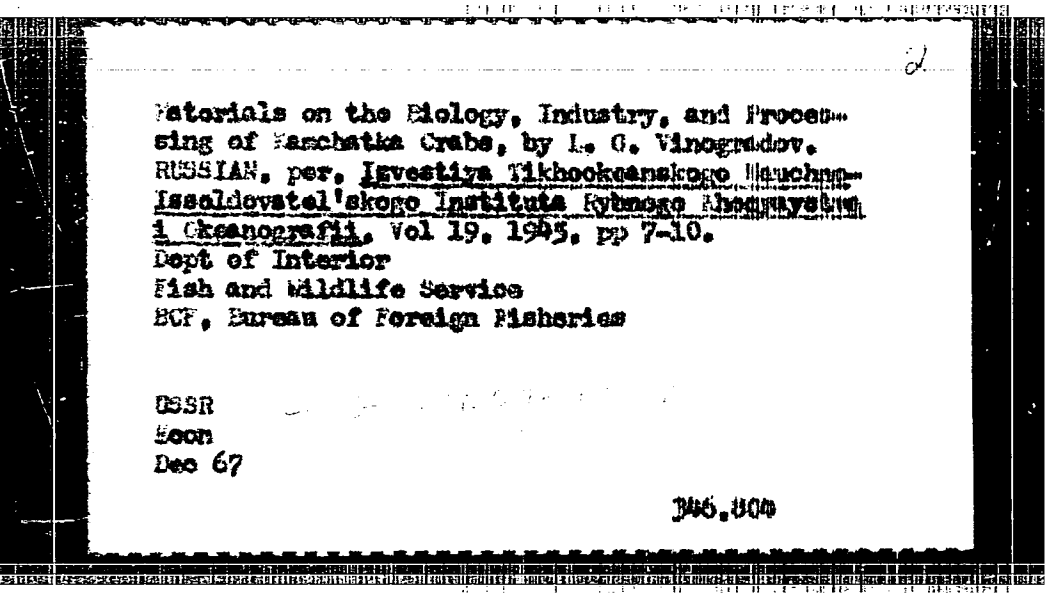

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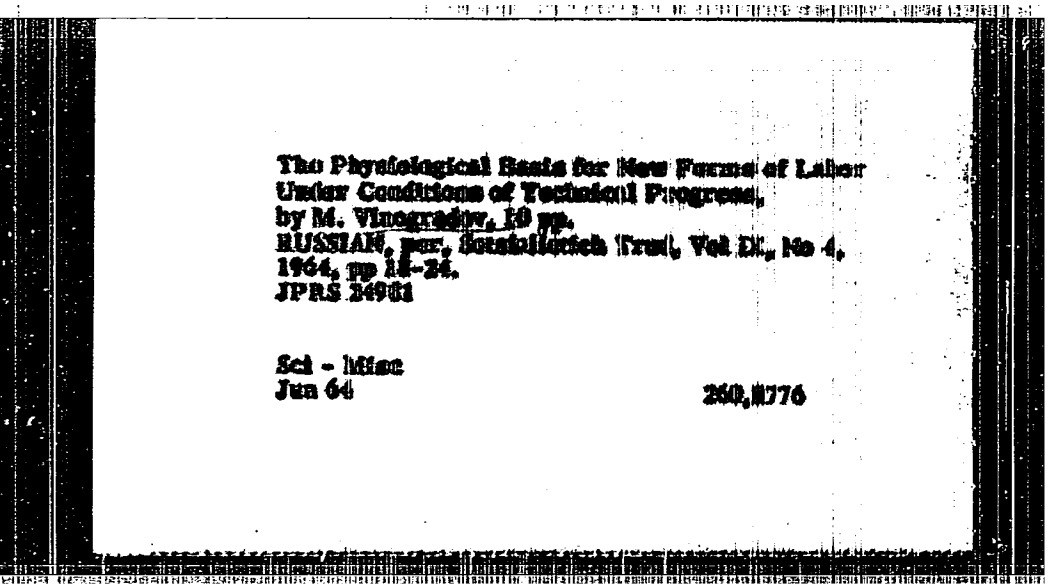

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THE DISTRIBUTION OF SOME MASS SPECIES OF COPEPODS IN THE INDIAN OCEAN, tr. by Wilvan G. Van Campen. Apr 62 [6]p. 7 refs. Order from OTS or SLA $1.10 63-15142

Trans. of Akademiya Nauk SSSR. Doklady, 1961, v. 140, no. 1, p. 219-222.

DESCRIPTORS: Distribution, *Crustacea, Aquatic animals, *Indian Ocean, Marine biology.

This data is based on materials obtained from expeditions of the research vessel Vitiaz in the northern part of the Indian Ocean. The samplings were taken during the winter season of 1959-60. The numbers of each of 30 mass species of copepods of 18 different genera were calculated for 770 samples taken from 166 stations. Both vertical and horizontal distribution of the species are given.

63-15142

1. Title: Copepods
I. Vinogradov, M. E.
II. Voronina, N. M.
III. Fish and Wildlife Service, Washington, D. C.

1247867

(Biological Sciences--Zoology, TT, v. 10, no. 7)
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